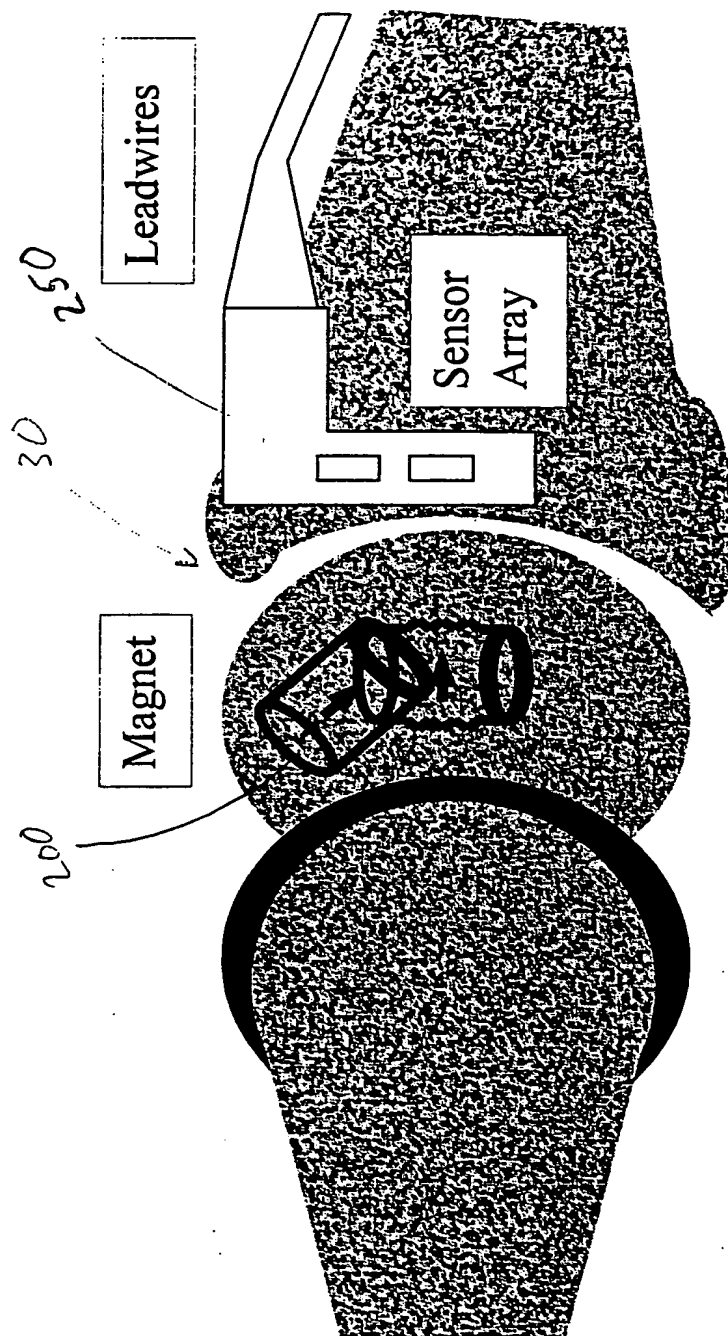


Schematic of Prototype IJAT



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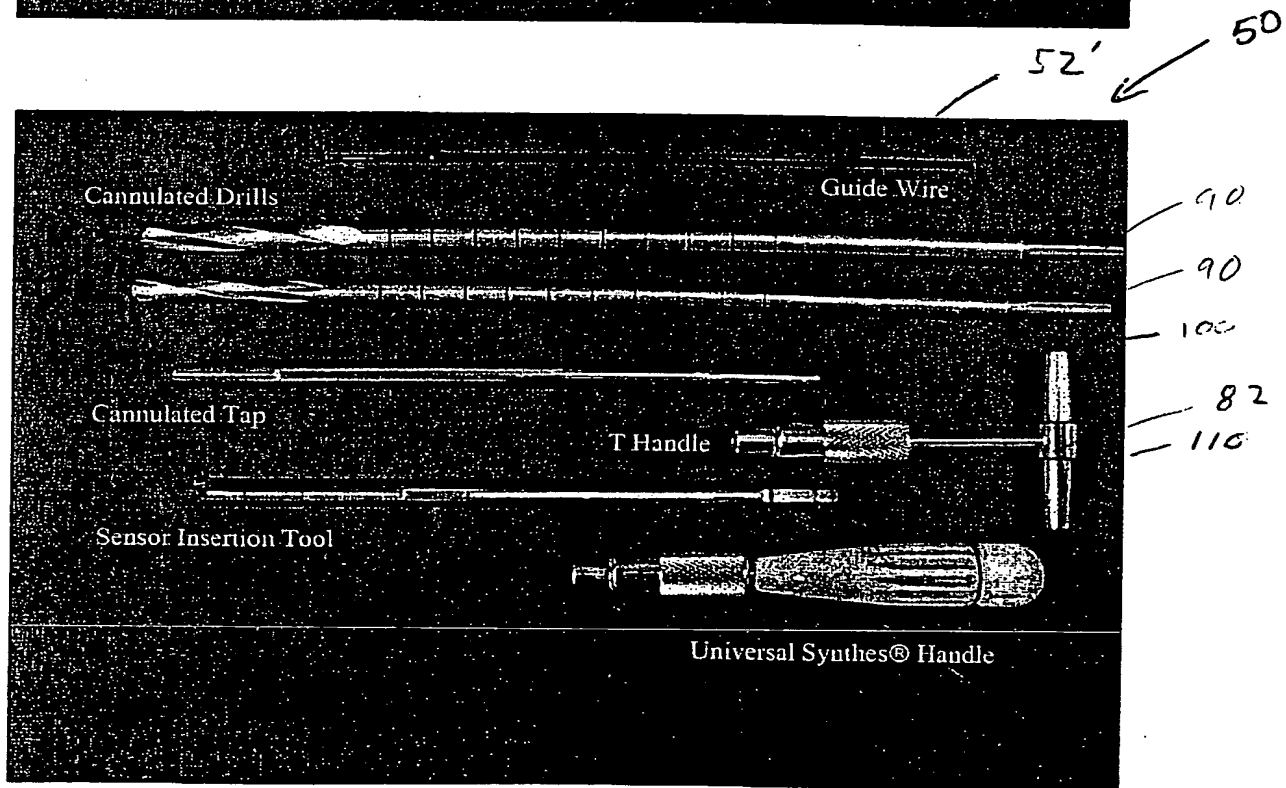
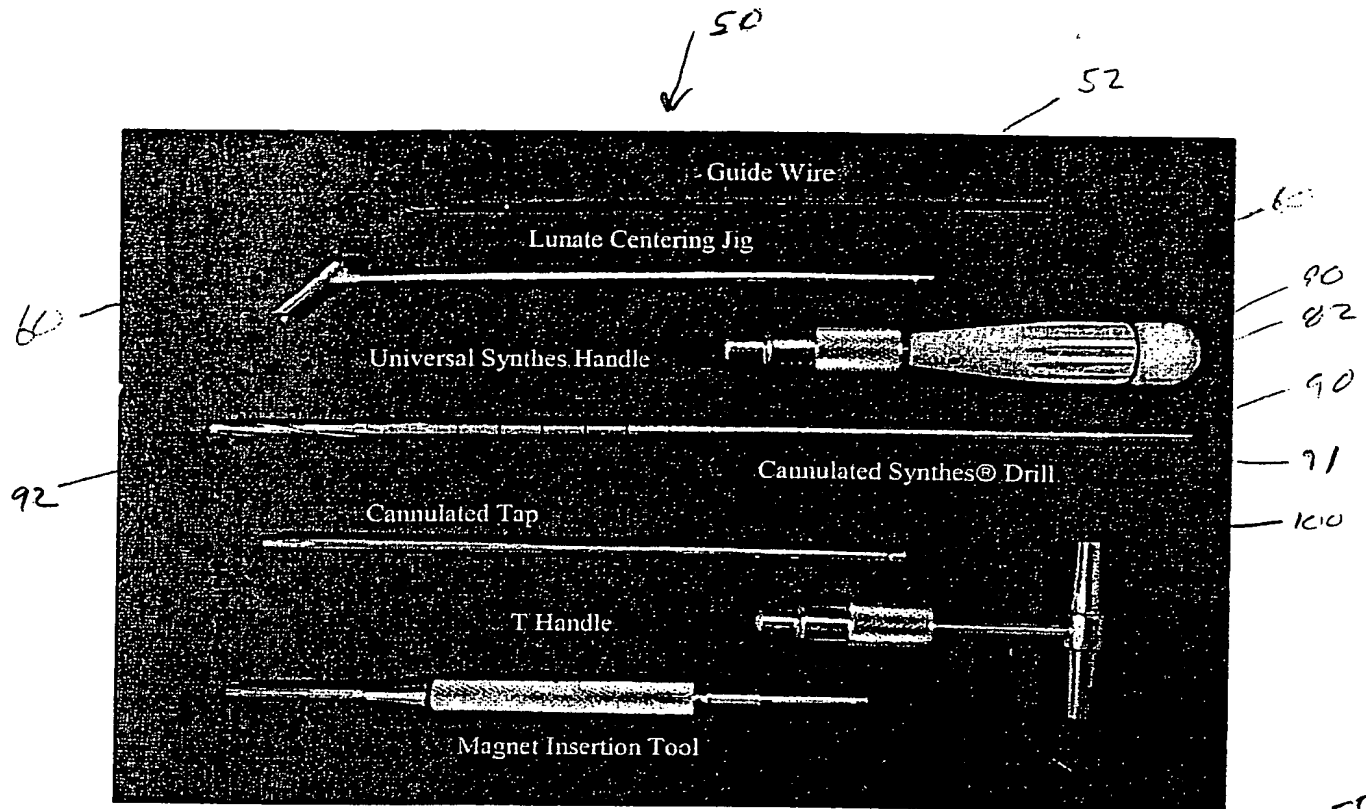
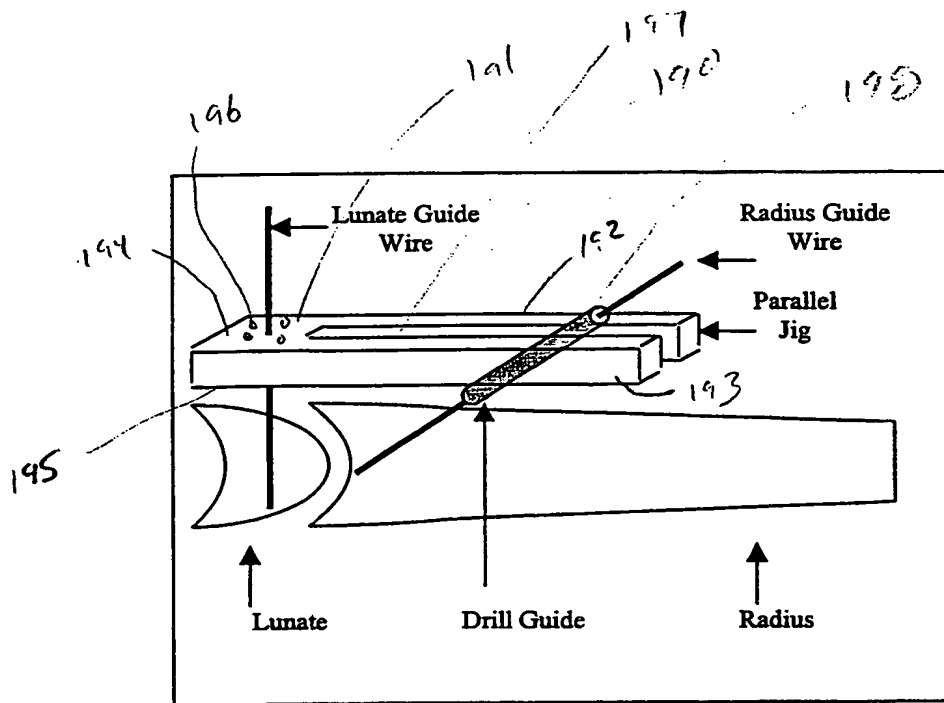
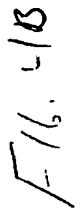


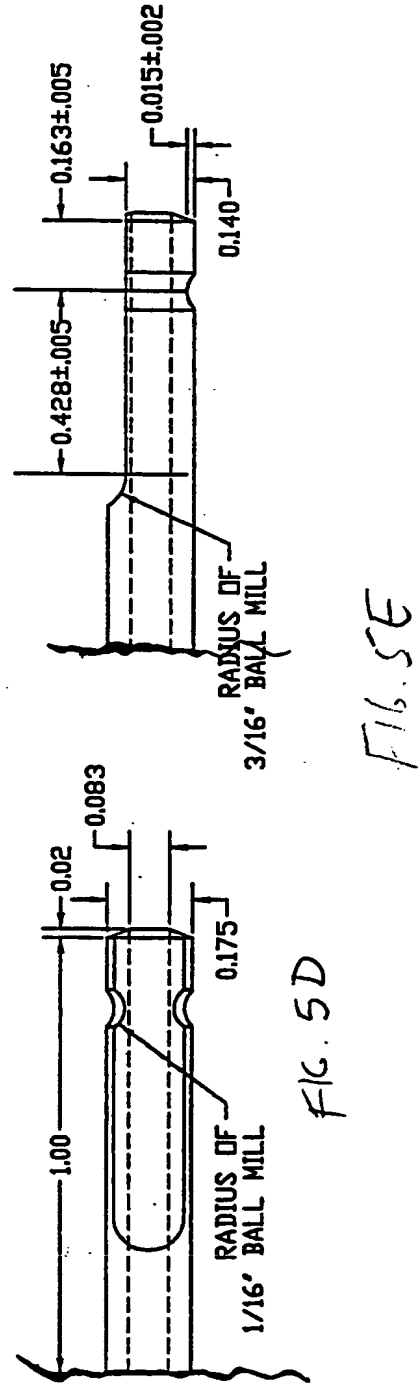
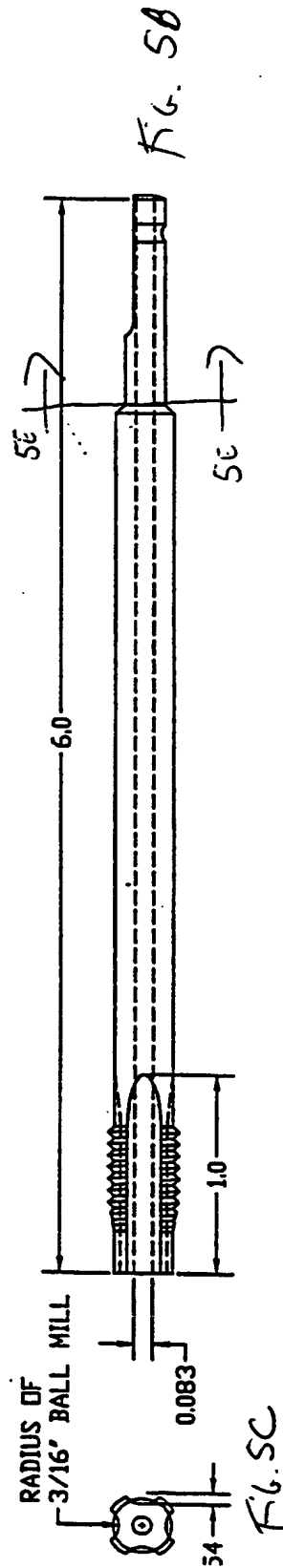
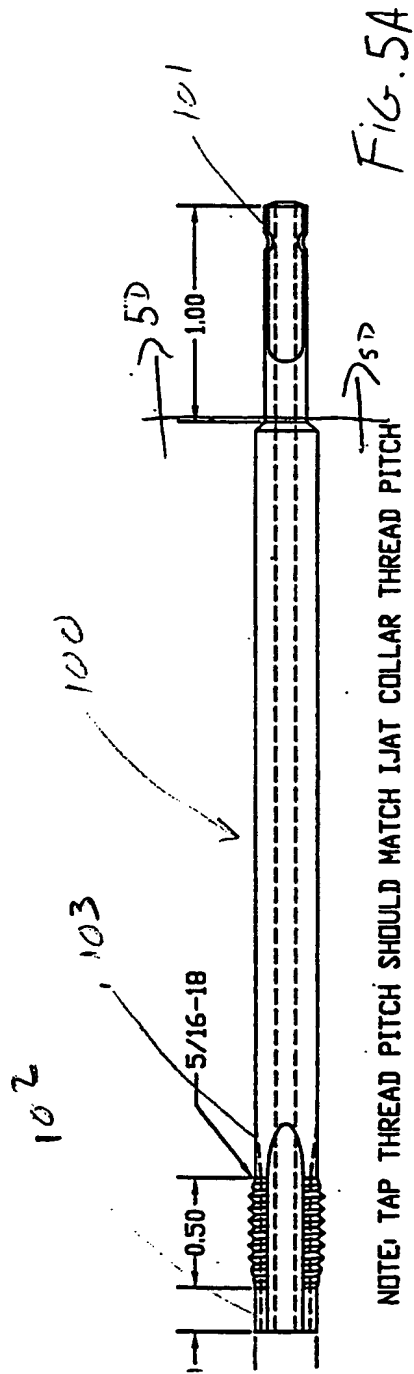
FIG. 2



F16.3

4.5





Magnet Insertion Tool

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FIG. 6C

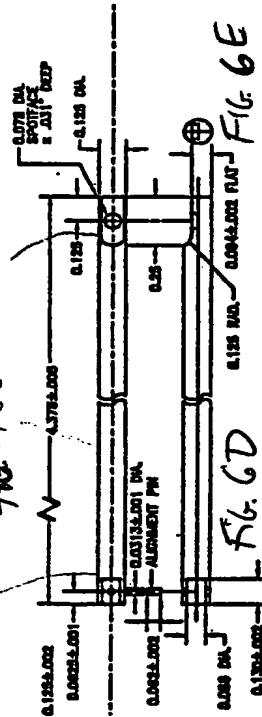


FIG. 6E

CENTER SHAFT
(316 STAINLESS STEEL)

LOCKING SHAFT

FIG. 6H

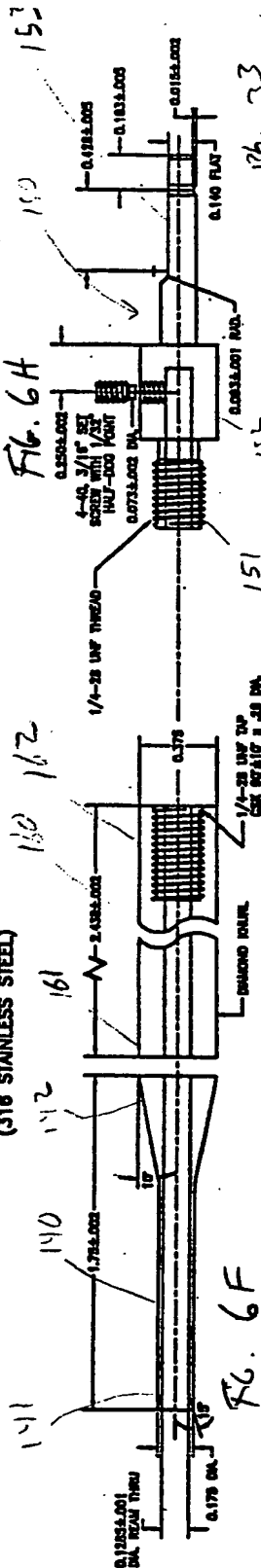


FIG. 6F

OUTER SHAFT

ROTATING HANDLE

FIG. 6G

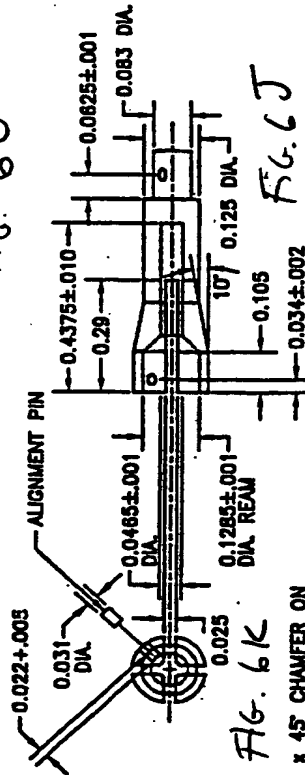


FIG. 6K

- NOTE:
- 1) ADD .01 x 45° CHAMFER ON MATING PARTS.
 - 2) 600 GRIT SANDPAPER POLISH ALL OUTSIDE SURFACES.
 - 3) ALL PINS AND SET SCREW SHOULD ALIGN WITH FACE OF LOCKING SHAFT.
 - 4) COLLET AND CENTER SHAFT MAY BE FABRICATED AS A SINGLE PIECE.
 - 5) CENTER SHAFT MADE WITH 316 STAINLESS STEEL.

COLLET VIEW
(ROTATED 45° CW)
4x SIZE

FIG. 6B

SECTION A-A

COLLET VIEW
8x SIZE

FIG. 6J

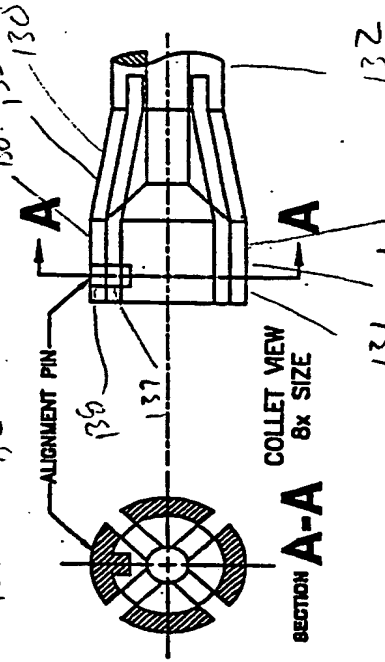
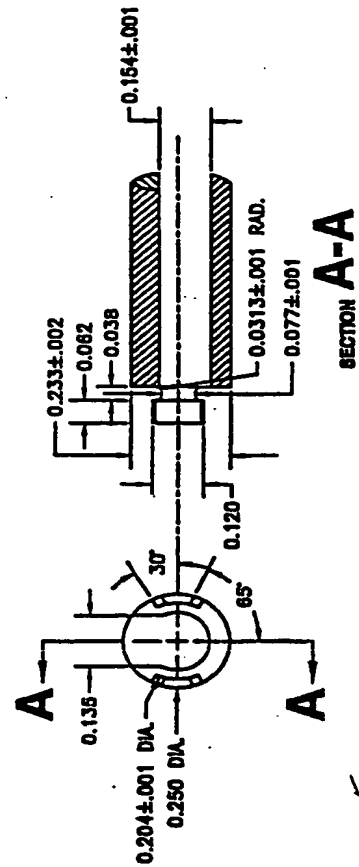
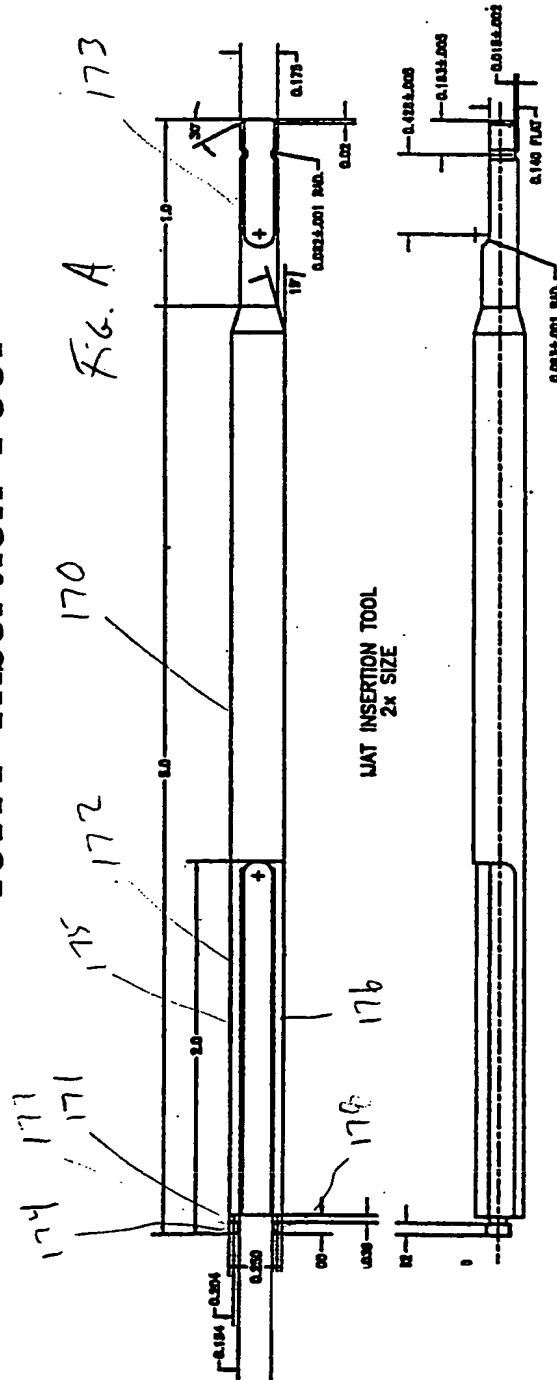


FIG. 6A

FL

IJAT Insertion Tool



TOOL HEAD VIEW
4x SIZE

SECTION A-A

Fig 7C

Fig. 7D

F167B

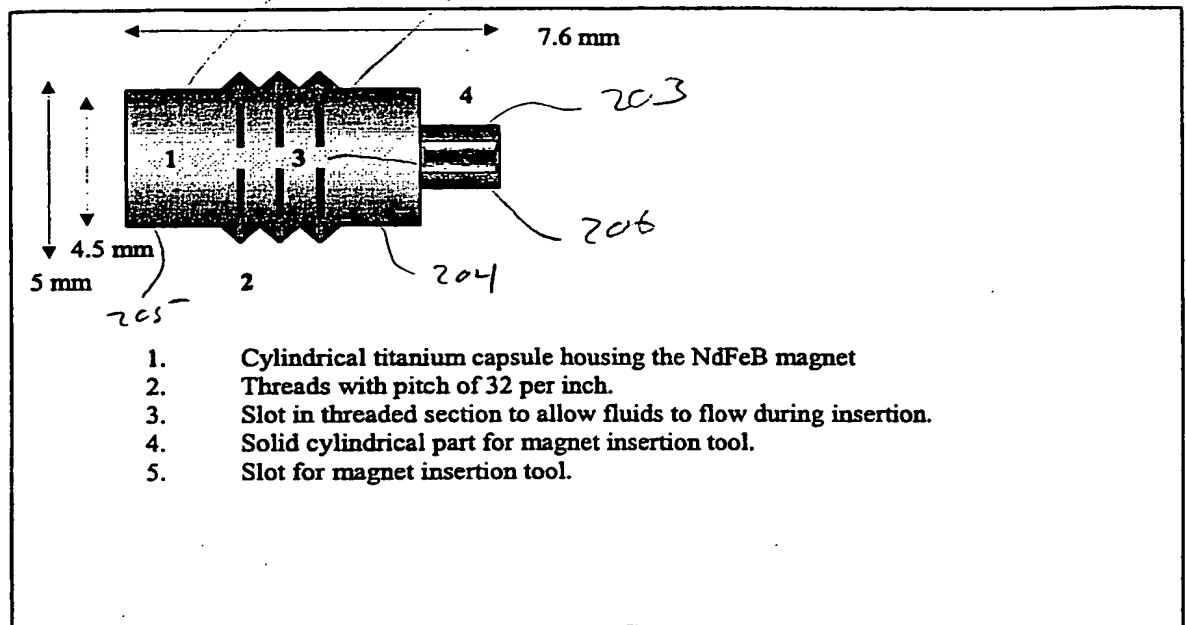


FIG. 8

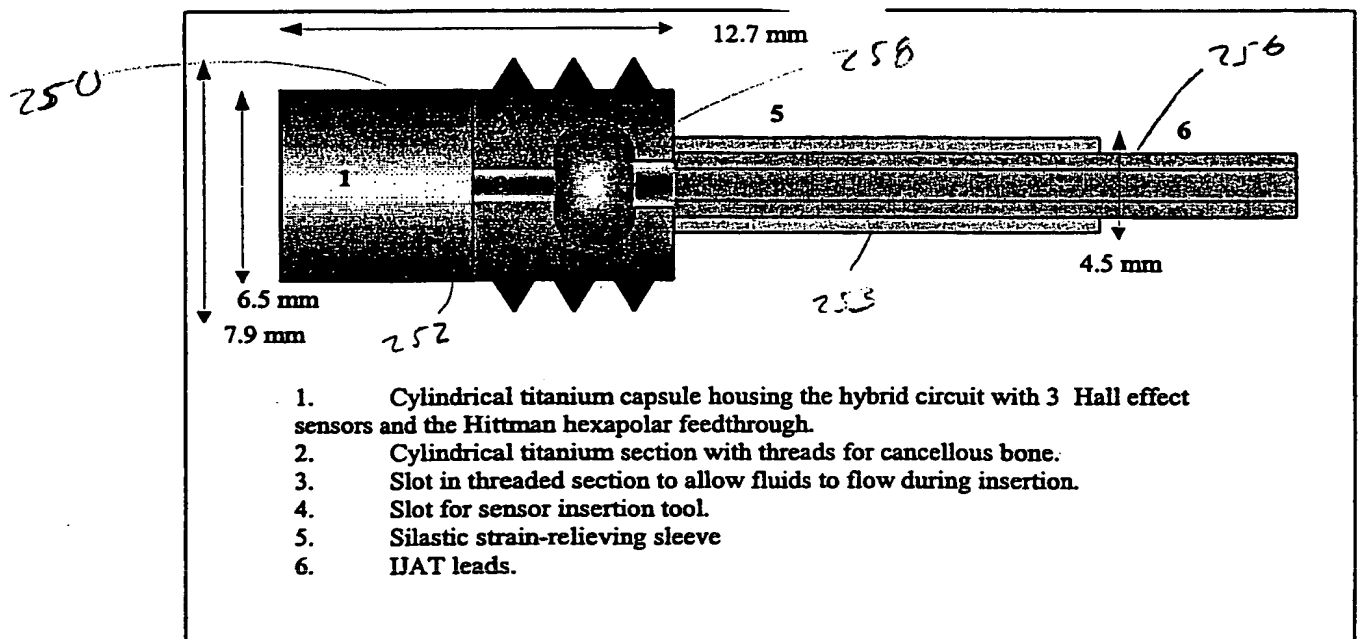
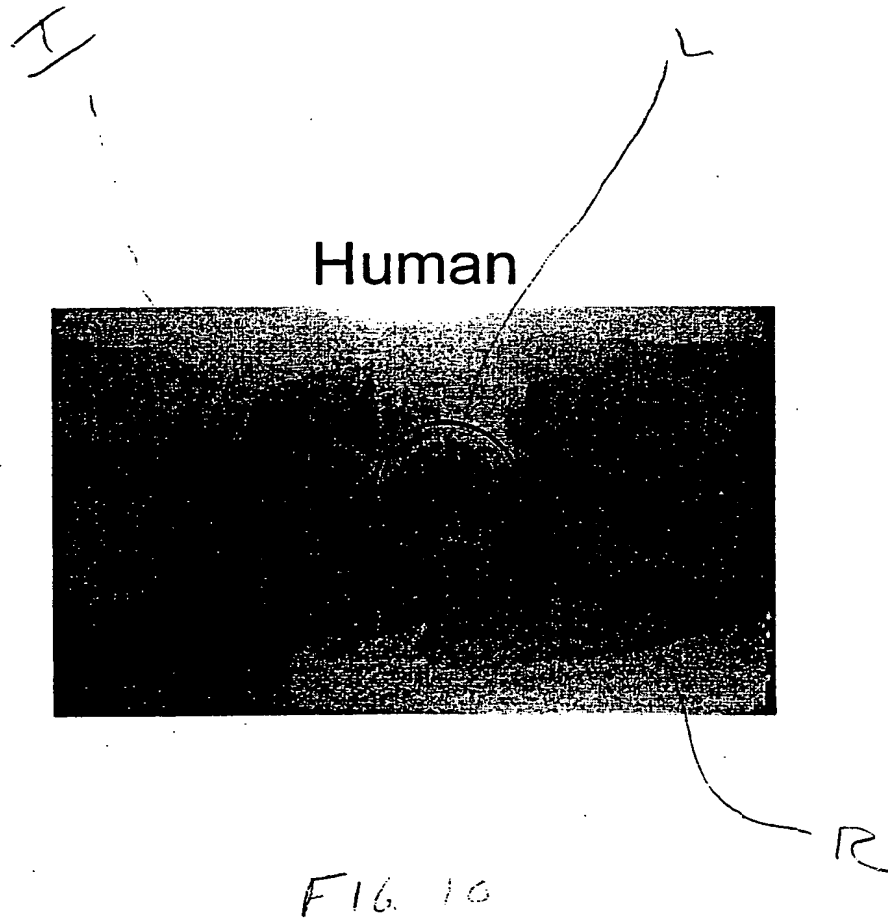


FIG. 9



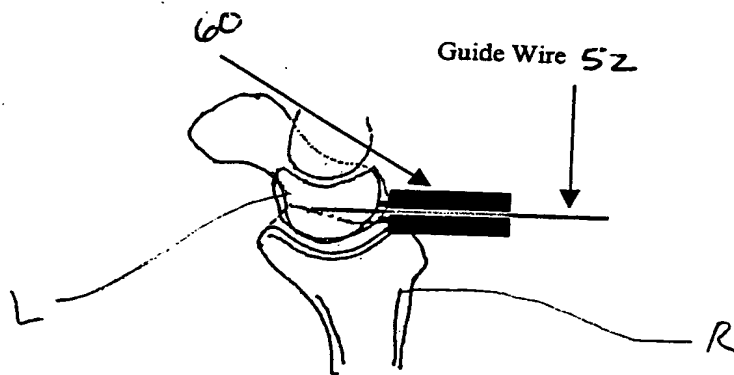


FIG. 11

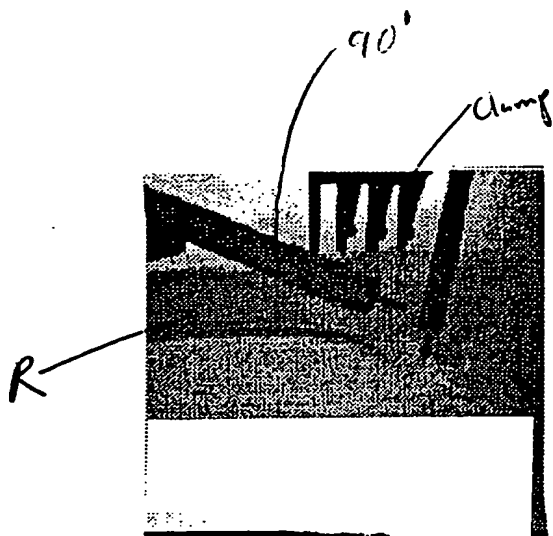


FIG. 13

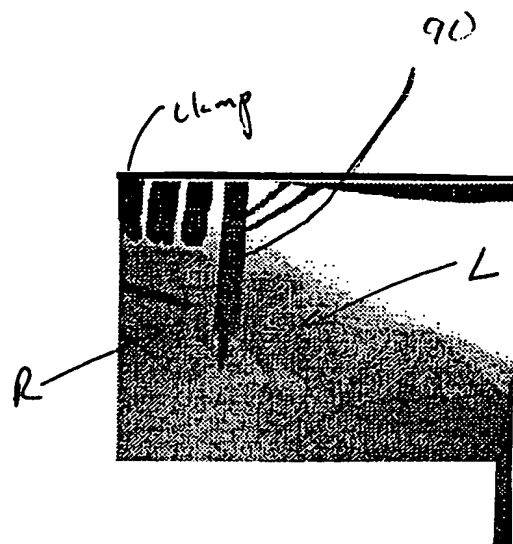


FIG. 12

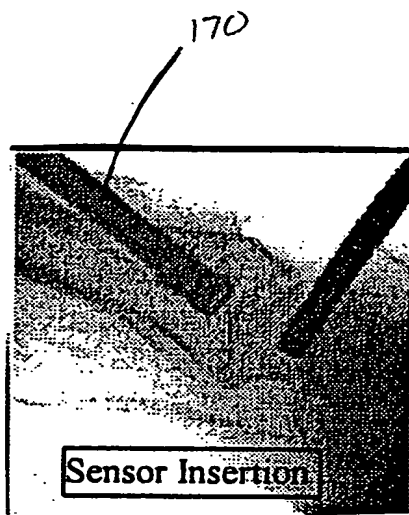


FIG. 14

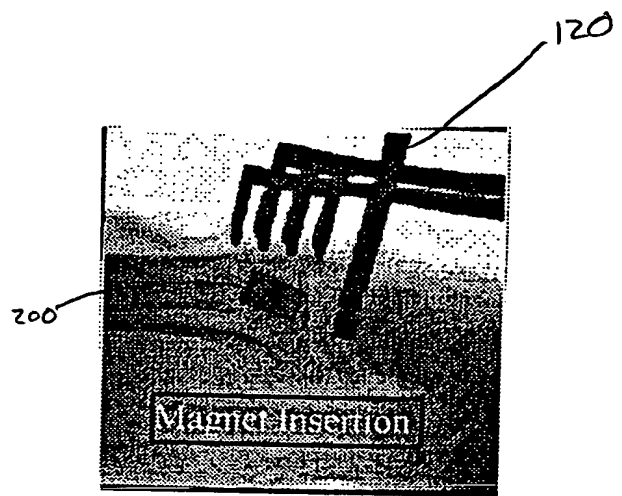


FIG. 15